

**Notice of Allowability**

Application No.

09/560,434

Examiner

Miranda Le

Applicant(s)

SAHOO, KESHABA CHANDRA

Art Unit

2167

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 07/21/2005.
2. ☒ The allowed claim(s) is/are 1-3, 5-7, 9-11, now renumbered as 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Miranda Le  
October 14, 2005

### **DETAILED ACTION**

1. This communication is responsive to Amendment filed 07/21/05. Claims 1, 5, 9 are independent claims. In the Amendment, claims 1, 5, 9 have been amended, claims 13, 14, 15 have been added.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's representative, Mr. Jason S. Feldmar, on Octoberber 14, 2005.

The application has been amended as follows:

- Cancel claim 13.
- Claim 1 has been amended as:

A method for storing object data of a requested file in an object-oriented computer system, comprising:

obtaining a request to save a file in a requested file version, wherein the file contains an object;

determining if the requested file version is earlier than an object introduction version of the object;

saving the file by streaming out data representing an instance of the object, to the file, in the requested file version if the requested file version is equal to or later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the data representing the instance of the object, to the file, in the object introduction version if the requested file version is earlier than the object introduction version; wherein the requested file version is different from a current version of a computer application that is performing the saving.

- Cancel claim 14.
- Claim 5 has been amended as:

An apparatus for storing object data of a requested file in an object-oriented computer system comprising:

an object-oriented computer system having a memory and a data storage device coupled thereto;

one or more computer programs, performed by the computer, for obtaining a request to save a file in a requested file version, wherein the file contains an object, for determining if the requested file version is earlier than an object introduction version of the object, to the file, in the requested file version if the requested file version is equal to or later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the data representing the instance of the object, to the file, in the object introduction version if the requested file version is earlier than the object

introduction version; wherein the requested file version is different from a current version of a computer application that is performing the saving.

- Cancel claim 15.
- Claim 9 has been amended as:

An article of manufacture comprising a program storage medium readable by a computer and embodying one or more instructions executable by the computer to perform a method for storing object data of a requested file in an object-oriented computer system, the method comprising:

obtaining a request to save a file in a requested file version, wherein the file contains an object;

determining if the requested file version is earlier than an object introduction version of the object;

saving the file by streaming out data representing an instance of the object, to the file, in the requested file version if the requested file version is equal to or later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the data representing the instance of the object, to the file, in the object introduction version if the requested file version is earlier than the object introduction version; wherein the requested file version is different from a current version of a computer application that is performing the saving.

*Reasons for Allowance*

3. Claims 1-3, 5-7, 9-11 are allowed, now renumbered as 1-9.

4. The following is a statement of reasons for the indication of allowable subject matter:

The present invention is directed to a system and method for storing object data in a particular version and for storing a particular version of the object by streaming data for a particular version of the object out to a file.

Claims 1, 5, 9 identify the uniquely distinct feature of “saving the file by streaming out data representing an instance of the object, to the file, in the requested file version if the requested file version is equal to or later than the object introduction version, wherein the data comprises actual methods and attributes of the object; and

saving the file by streaming out the data representing the instance of the object, to the file, in the object introduction version if the requested file version is earlier than the object introduction version; wherein the requested file version is different from a current version of a computer application that is performing the saving”.

The closest prior arts, Kish et al. (U.S. Pat. No. 5,890,176), shows a substantially similar method for object-oriented document version tracking, and, Baisley et al. (US pat. No. 6,625,663), shows an analogous method for streaming object models that have a plurality of versioned states; but Kish and Baisley fail to anticipate or render the above-cited limitations obvious, as the Applicant’s Remarks have been found persuasive.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

### *Conclusion*

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Miranda Le whose telephone number is (571) 272-4112. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jean Homere, Esq., can be reached on (571) 272-3780. The fax number to this Art Unit is (571) 273-8300.

6. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 09/560,434  
Art Unit: 2167

Page 7

A handwritten signature in cursive script, appearing to read "Miranda Le".

Miranda Le  
October 14, 2005

A handwritten signature in cursive script, appearing to read "Greta Robinson".  
**GRETA ROBINSON**  
**PRIMARY EXAMINER**